

September 24, 2004

Dr. Maurice L. Adams, Jr., Professor
Mechanical and Nuclear Engineering
The Case School of Engineering
Case Western Reserve University
Cleveland, OH 44106-7222

SUBJECT: UNSOLICITED PROPOSAL DATED JANUARY 5, 2004, ENTITLED "MODEL-BASED CONDITION MONITORING FOR CRITICAL PUMPS IN PWR AND BWR NUCLEAR POWER PLANTS (Nuclear Regulatory Commission Document No. 04-02)

Dear Dr. Adams:

The purpose of this letter is to provide you with the results of our evaluation of the subject proposal. In addition, we apologize for the delay in transmitting our final response to you. The NRC strives to provide timely responses to unsolicited proposals but clearly we did not in this case.

The proposed research project would develop a model-based condition monitoring program for safety-related nuclear plant pumps including reactor coolant and reactor recirculation pumps; steam generator main feed water pumps; auxiliary feed water pumps; high pressure safety injection pumps; primary loop charging pumps; and residual heat removal pumps. The purpose of the proposed research is to improve monitoring and associated test procedures for these pumps.

The NRC's mission is to regulate the safe operation of commercial nuclear plants. It is the licensees' responsibility to develop and implement programs and tools to meet the NRC's regulatory requirements. Consequently, the NRC can not provide funding for your project. You may want to offer your proposal to industry groups such as the Electric Power Research Institute, or to the Department of Energy.

We are returning your unsolicited proposal package with this letter. Your interest in the mission of the NRC is both appreciated and encouraged. If you have any questions please contact me on (301) 415-6179 or Susan Hopkins on (301) 415-6514.

Sincerely,

/RA/

Mary Lynn Scott, Team Leader
Procurement Policy Team
Division of Contracts
Office of Administration

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Note to the File: 9/21/04 - This response has been coordinated with Joel Page, RES technical reviewer. Distribution: ADM r/f, DC r/f, PPT r/f, KOGreene r/f, MLScott r/f, SBHopkins r/f
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